

ABSTRACT

The invention provides a composition for hologram recording having low curing shrinkage and capable of satisfactorily forming a thick holographic coating, a method of curing the same, and a cured article. The composition for hologram recording comprises a cationically polymerizable compound, a compound whose refractive index differs by 0.005 or more from that of a cured article of the cationically polymerizable compound, a thermal cationic polymerization initiator, and an optical cationic polymerization initiator. The curing method of the invention comprises the steps of forming the composition for hologram recording into a liquid film; heating and partially curing the liquid film; and irradiating the partially heat-cured semi-cured film with coherent light and inducing photocuring in order to form an interference pattern. The cured article of the invention is obtained by the aforementioned curing method.